

Recombinant Human MLXIP Protein (1-217 aa), His-SUMO-tagged

Cat. No. MLXIP-1116H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MLXIP Protein (1-217 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Transcription. Protein Description: Full Length of Isoform 5.
Species	Human
Source	E.coli
ProteinLength	1-217 aa
Description	Binds DNA as a heterodimer with MLX and activates transcription. Binds to the canonical E box sequence 5'-CACGTG-3'. Plays a role in transcriptional activation of glycolytic target genes. Involved in glucose-responsive gene regulation.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	38.8 kDa
AA Sequence	MDEQGCEHTSRTEDPFIQPTDFGPSEPPLSVPPPISPVLPVPPPATALNPPAPPTF HQPQKFAGVNKAPSVITHTASATLTHDAPATTFSQSQGLVITTHHPAPSAAPCGLAL SPVTRPPQPRLTFVHPKPVSLTGGRPKQPHKIVPAPKPEPVSLVLKNARIAPGEPGG ETQCGAPPDPEGCFPIPKAFKLVTTTTTLVCTCMRTHIHLNETKVS
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

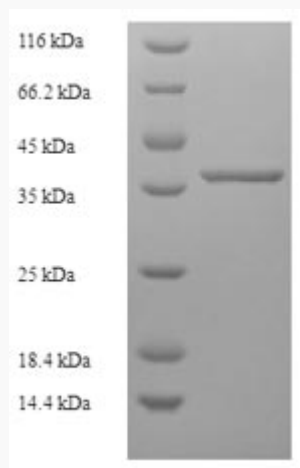
GENE INFORMATION

Gene Name	MLXIP MLX interacting protein [Homo sapiens]
Official Symbol	MLXIP
Synonyms	MLXIP; bHLHe36; KIAA0867; MIR; MONDOA; MondoA; Mlx interactor;
Gene ID	22877
mRNA Refseq	NM_014938
Protein Refseq	NP_055753
MIM	608090
UniProt ID	Q9HAP2

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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